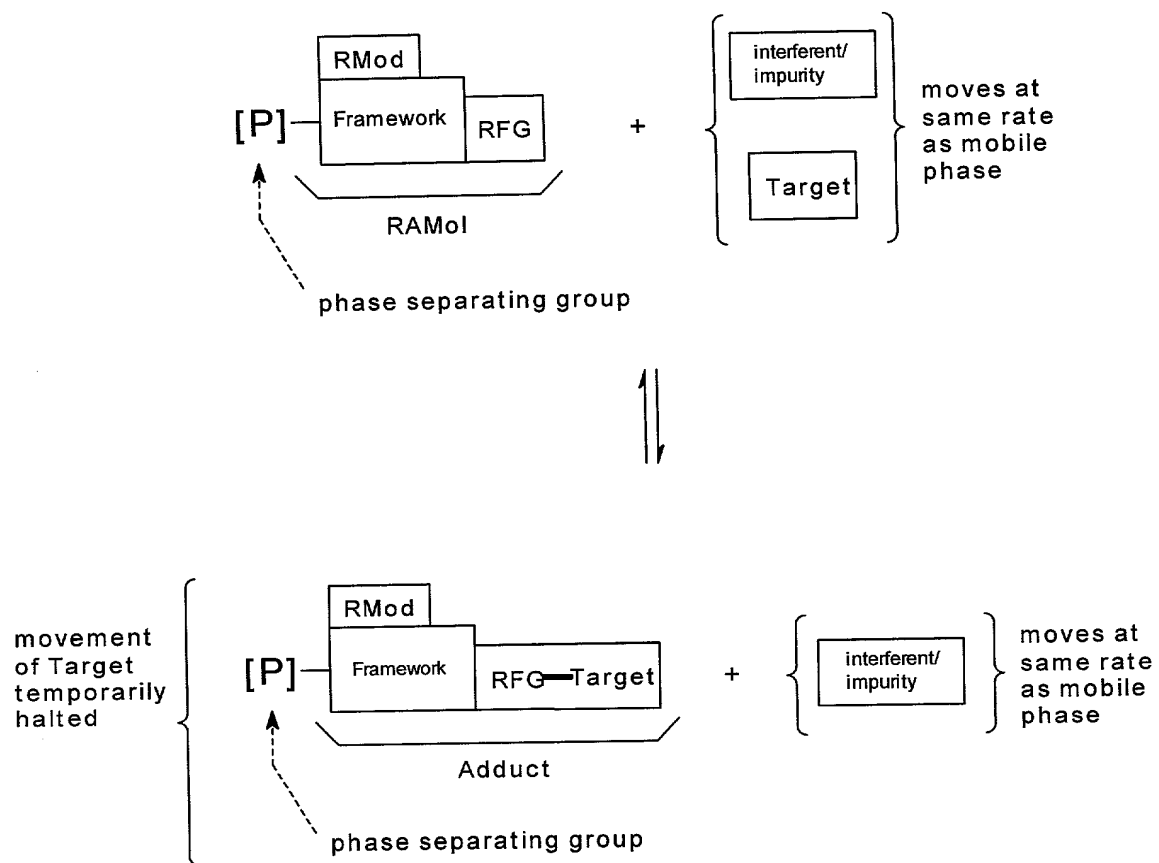
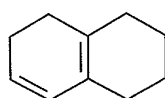
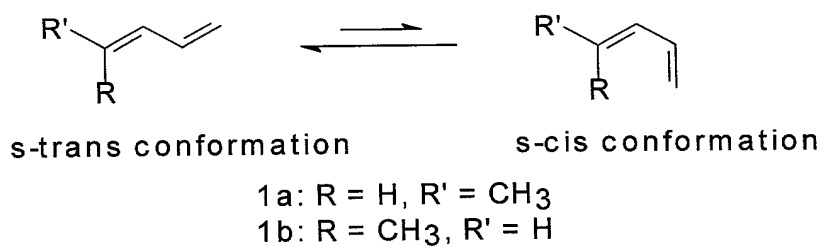


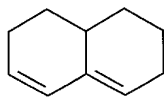
# Figure 1



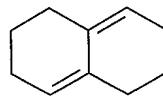
# Figure 2



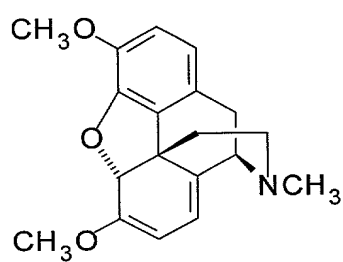
2a



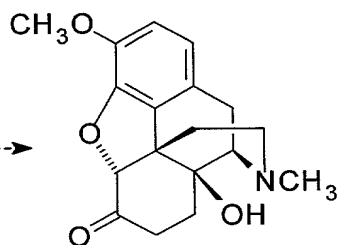
2b



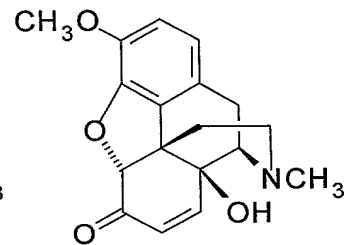
2c



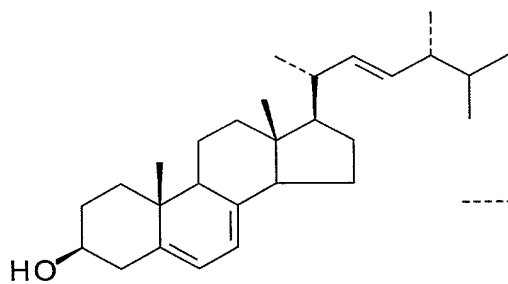
Thebaine



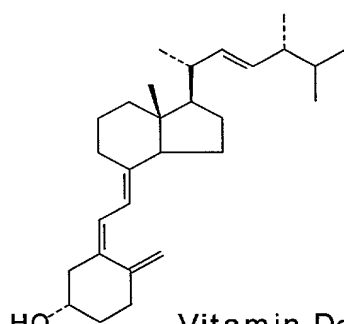
Hydrocodinone



Oxycodone

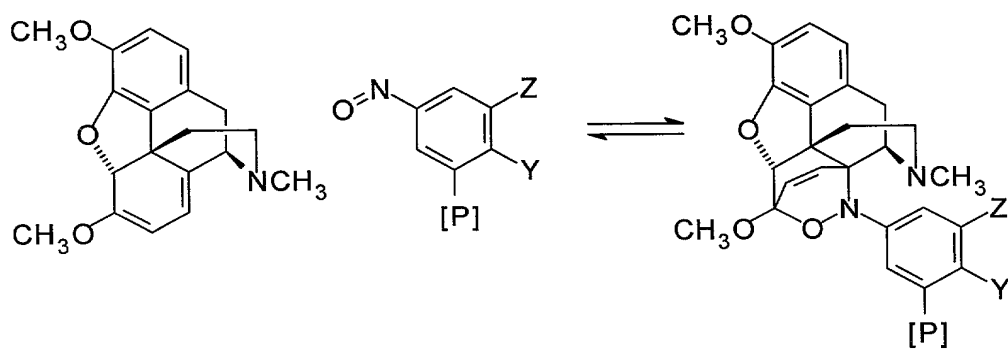
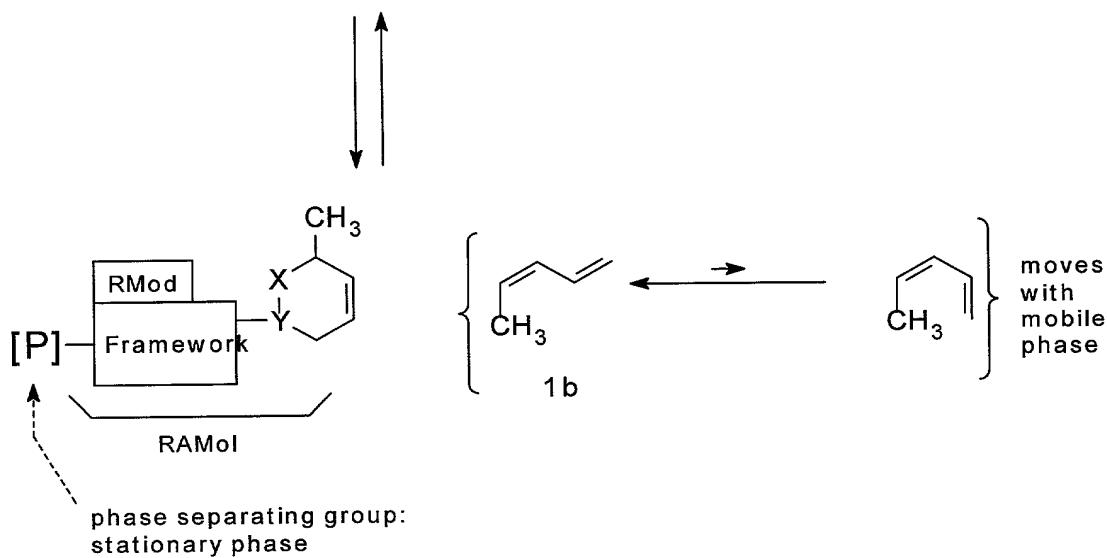
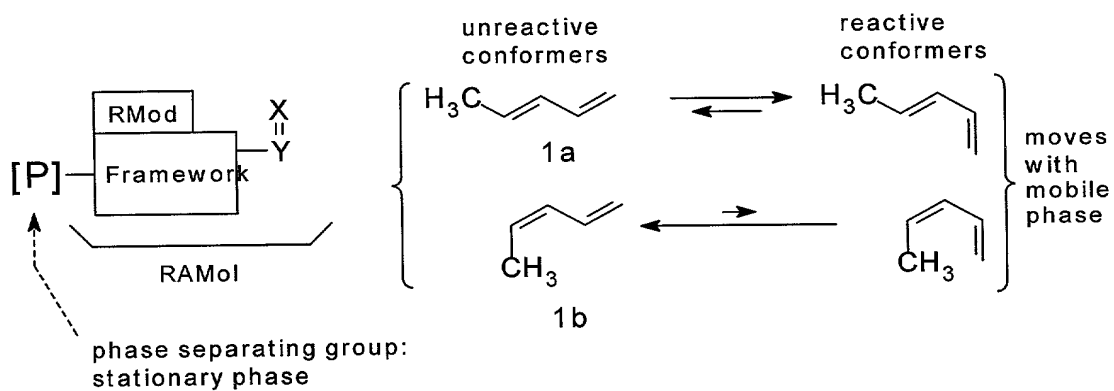


Ergosterol

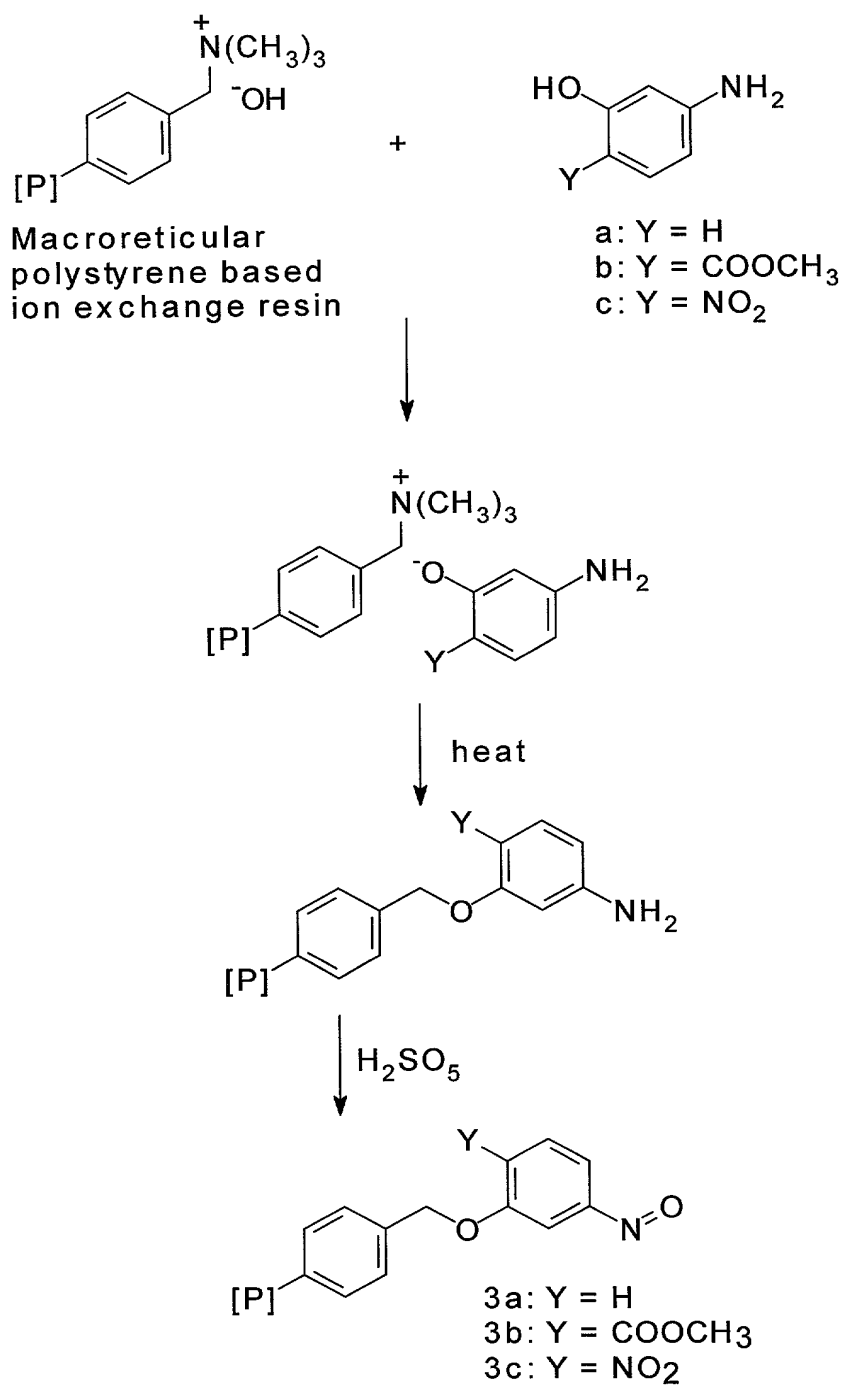


Vitamin D<sub>2</sub>

# Figure 3

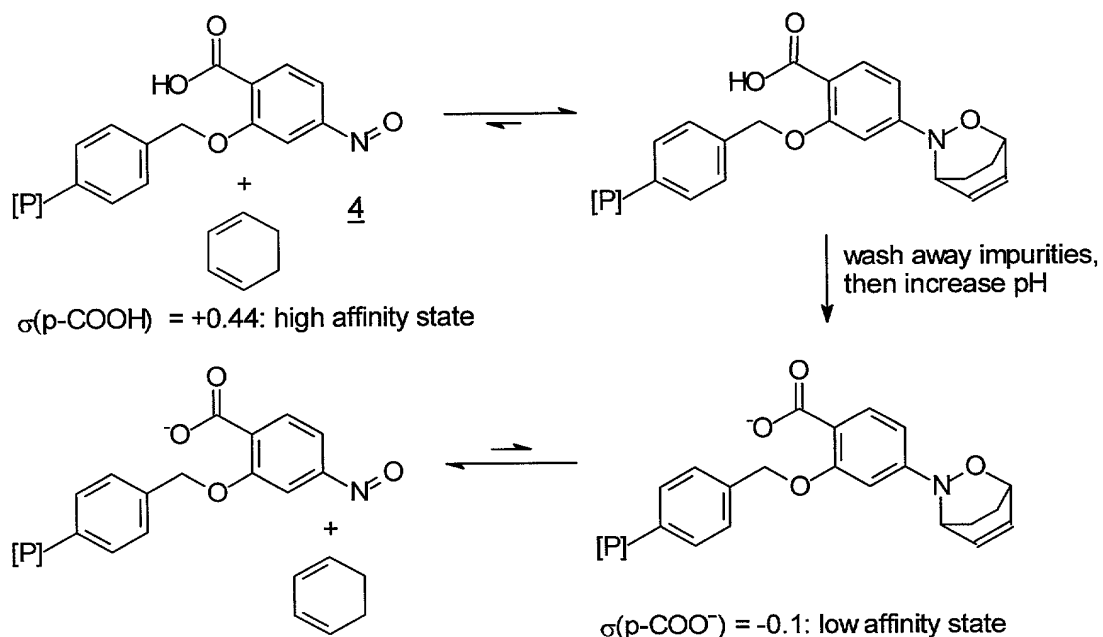


# Figure 4

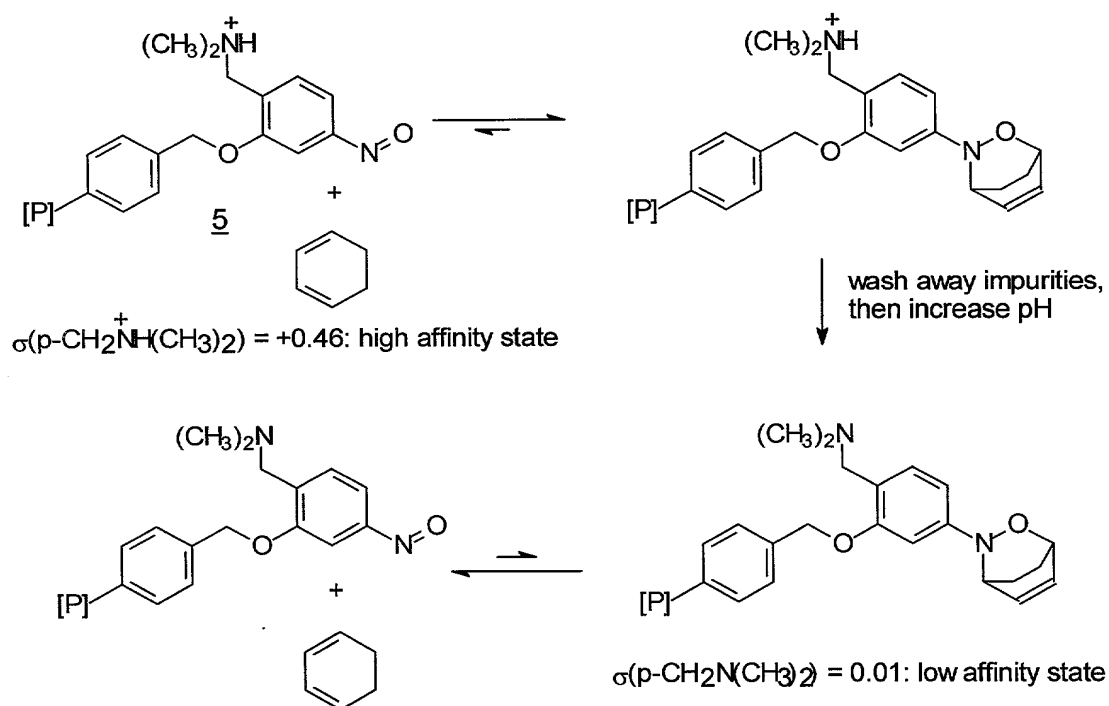


# Figure 5

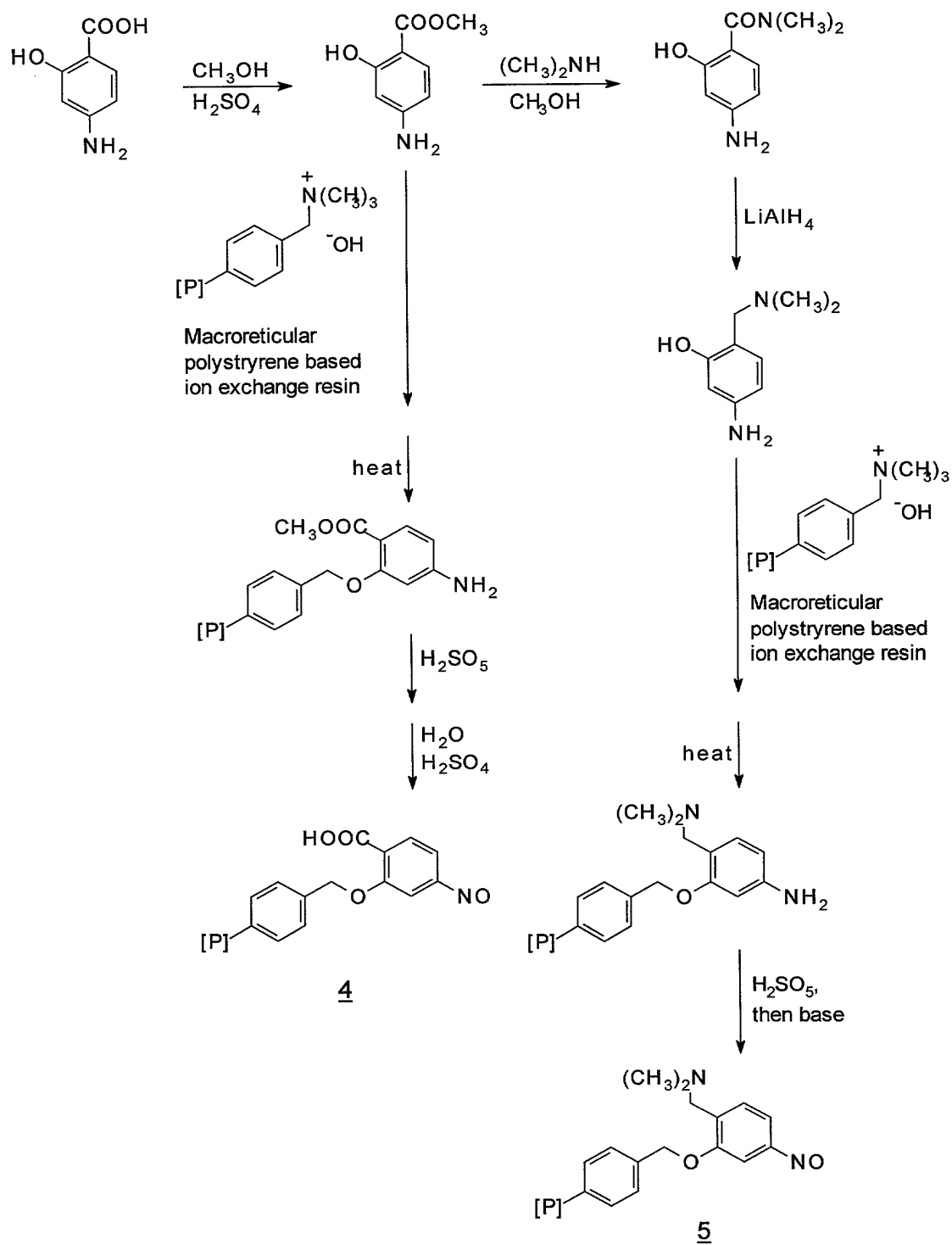
Affinity Decrease by Neutral to Negative RMod Conversion:



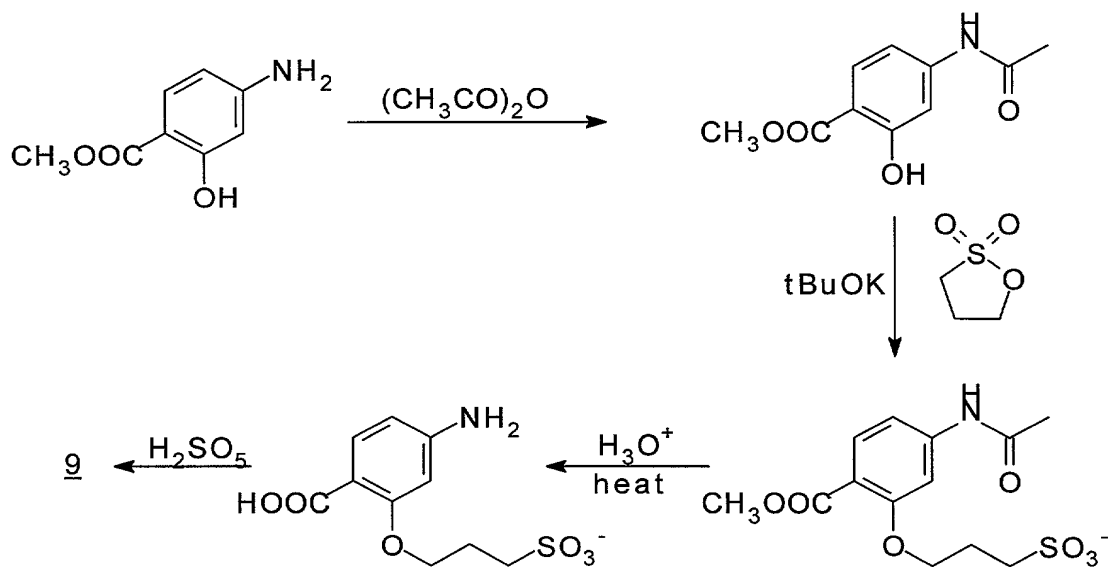
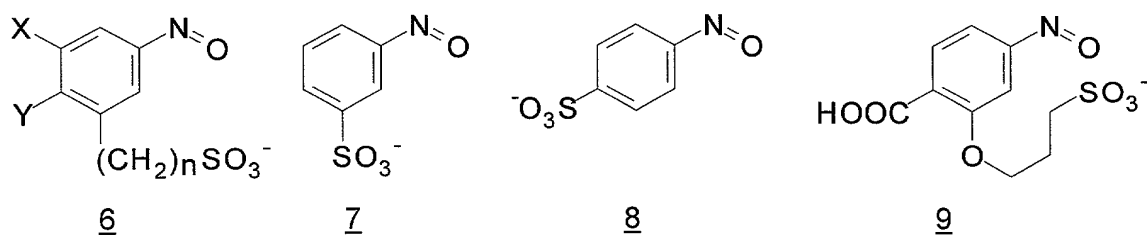
Affinity Decrease by Positive to Neutral RMod Conversion:



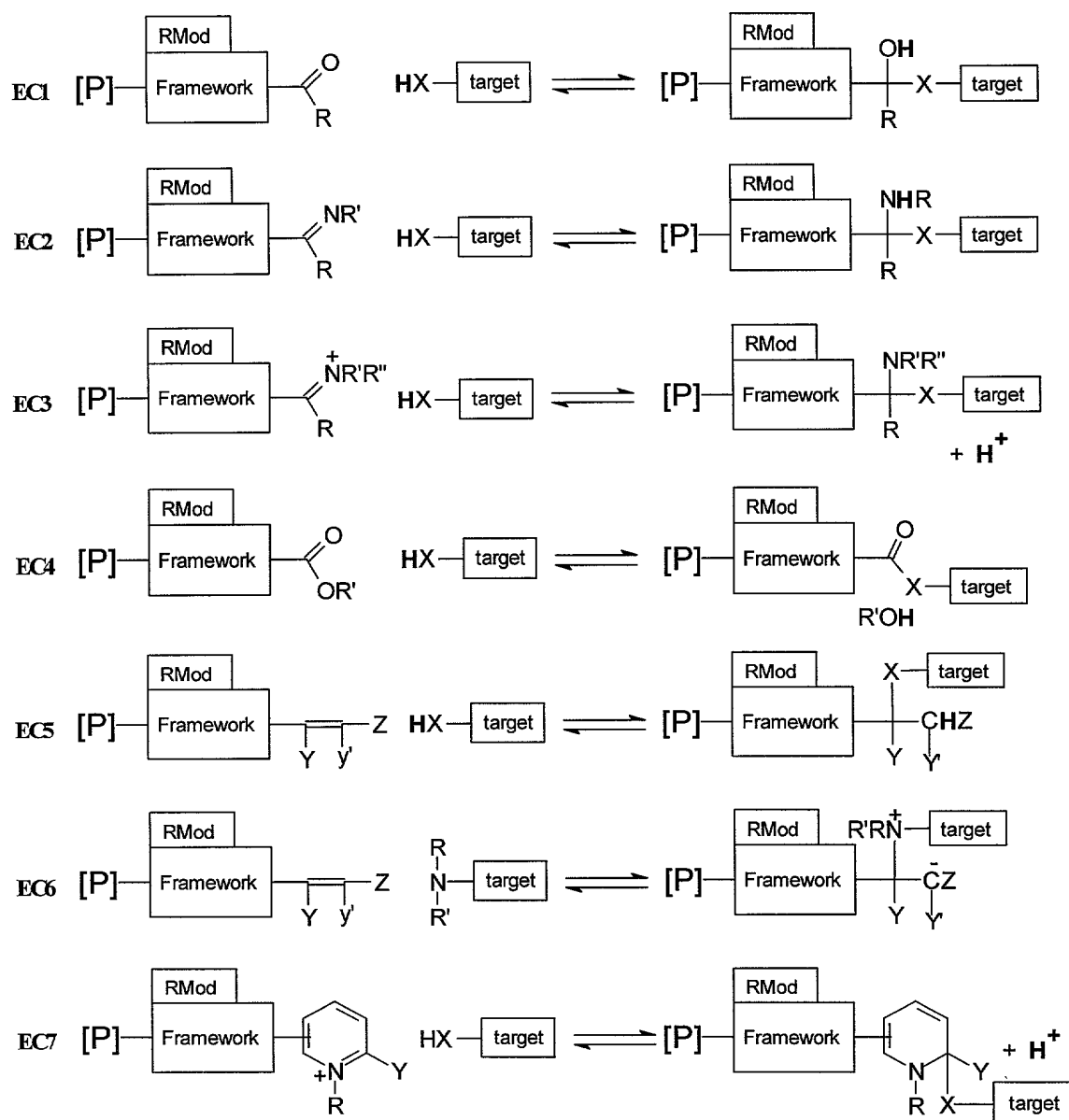
# Figure 6



# Figure 7



# Figure 8



R, R', R'' = H, alkyl, aryl, heteroaryl. Y, Y' = additional RMod group(s) or H, alkyl aryl heteroaryl; Z = anion stabilizing group, [P] = natural or synthetic polymer or some other group giving phase separation from solutions that substantially dissolve interferents/impurities; X = O, S, NR;



Figure 9

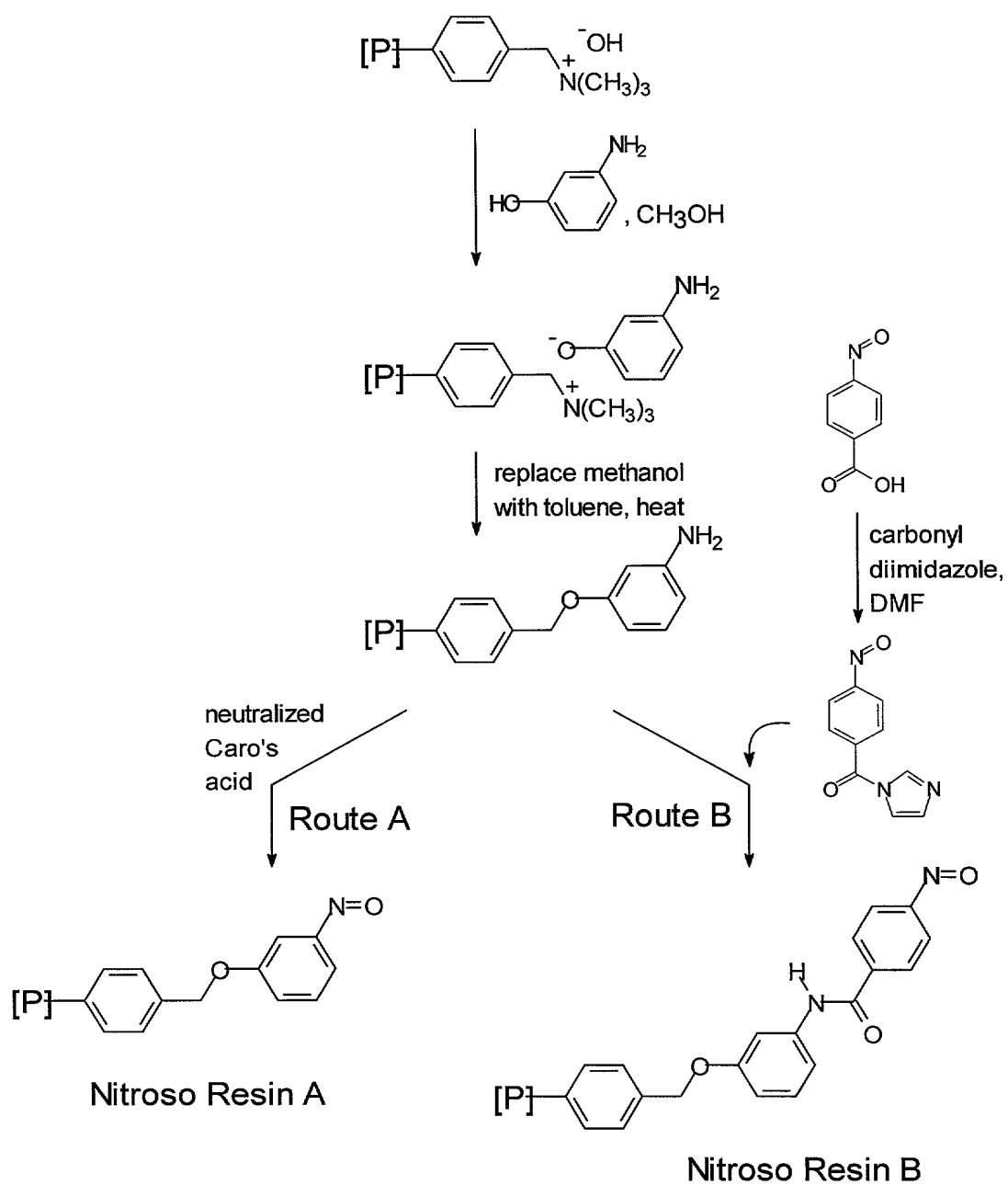


Figure 10

